Site: West Virginia Chemical Leak
Sample: 1401010-01, Sample ID/Station #: MCHM/PPH Mixture
PRELIMINARY INFORMATION

Preparation: 0.1gm sample to 10 mL MeCl2 in volumetric flask; shook 5 min.; 1 mL removed and spiked with 10 uL of internal standard mix (625/8270) 2000 ug/mL.
GC/MS: Agilent 6890 GC; 5975 MS; EI; 30-500 AMU; Agilent 19091S-433 P, HP-5MS Column (30m; 250 um diameter; 0.25 um film); pulsed splitless inj.; constant flow 1.2mL/min.; 50C for 0.5min. to 290C at 23C/min. to 320C at 15C/min with final hold 4.50 min. Tuned to DFTPP (625).

West Virginia Chemical Leak Tentatively Identified Compounds (TICs) from Semi-volatile Analysis

Compound	CAS number	MSDS
Cyclohexanemethanol	100-49-2	Eastman
Cyclohexanemethanol, 4-methyl-, trans-	3937-49-3	Eastman
Cyclohexanemethanol, 4-methyl-, cis-	????	Eastman
Cyclohexanecarboxylic acid, 4-methyl-, methyl ester	51181-40-9	Eastman
1-phenoxypropan-2-ol (PPH) (propylene glycol phenyl ether)	770-35-4	Dow
Possible 1,4-cyclohexanedimethanol	105-08-8	Eastman
A compound similar to Ethanol, 2-(4-methylphenoxy)-	NA	Dow?
1,4-Cyclohexanedicarboxylic acid, dimethyl ester (Dimethyl 1,4-cyclohexane dicarboxylate)	94-60-0	Eastman
Dipropylene glycol phenyl ether (4 peaks)	51730-94-0	Dow
Unknown, masses 108, 107 and 166	NA	
Unknown, masses 121, 59, 91and 134	NA	
Unknown alcohol, masses 59, 135 and 107	NA	
Unknown alcohol, masses 59, 135 and 94	NA	
Unknown alcohol, masses 59, 135 and 107	NA	
Unknown alcohol, masses 59, 135 and 107	NA	
Unknown, masses 59, 135, 107 and 161	NA	

- Eastman = Eastman MSDS for Crude MCHM 10-19-05
- Dow = DOW MSDS for PPH, Basic, 11-15-11